AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application:

LISTING OF CLAIMS:

Claims 1 to 14. (Canceled).

15. (Currently Amended) A method for producing a corrosion-resistant and oxidation-resistant coating for a component part formed of a metal-based alloy including more of a base metal than all other alloy components, comprising:

making available a slip material that includes a binding agent and at least one metal powder, the metal powder including up to at least 25 wt.% of at least one metal of the platinum group, the metal powder one of: (a) formed of jacketed powder cores formed from at least one metal of the platinum group, jacketing of the powder cores formed of a material having a same base metal as the metal-based alloy; and (b) formed of a metal powder alloy that includes the at least one metal of the platinum group and at least one material having the same base metal as the metal-based alloy;

applying the slip material at least from area to area onto the component part in one step while forming a slip layer;

curing and drying the slip layer; and

heat treating the component part that is coated with the slip material at least from area to area to diffuse the slip layer into the component part.

16. (Previously Presented) The method according to claim 15, wherein the component part is arranged as a component part of a gas turbine.

17. (Previously Presented) The method according to claim 15, wherein the powder cores of the metal powder are formed from at least one of platinum and palladium.

18. (Previously Presented) The method according to claim 15, wherein the metal-based alloy includes a nickel-based alloy, the jacketing of the powder cores formed from one of (a) nickel and (b) a nickel alloy.

19. (Previously Presented) The method according to claim 15, wherein the metal-based alloy includes a cobalt-based alloy, the jacketing of the powder cores formed from one of (a) cobalt and (b) a cobalt alloy.

20. (Previously Presented) The method according to claim 15, wherein the metal-based alloy includes an iron material, the jacketing of the powder cores formed from one of (a) iron and (b) an iron alloy.

21. (Previously Presented) The method according to claim 15, wherein a thickness of the jacketing of the metal powder arranged as jacketed powder cores is selected such that a proportion of the material of the powder cores in the metal powder is 25 wt.% to 85 wt.% and a proportion of the material of the jacketing is 75 wt.% to 15 wt.%.

22. (Previously Presented) The method according to claim 21, wherein the metal powder includes nickel-jacketed platinum, the thickness of the nickel jacketing selected such that a platinum proportion is 65 wt.% to 85 wt.% and a nickel proportion is 35 wt.% to 15 wt.%.

23. (Previously Presented) The method according to claim 15, wherein the metal powder is formed from a metal powder alloy that includes platinum and at least one material based on the same material as the metal-based alloy.

24. (Currently Amended) The method according to claim 23, wherein the metal powder is formed as a metal powder alloy having 65 wt.% to [[86]] 85 wt.% platinum and 35 wt.% to 15 wt.% nickel.

25. (Previously Presented) The method according to claim 15, wherein the slip material includes the binding agent and the metal powder also includes at least one of (a) aluminum and (b) silicon.

26. (Previously Presented) The method according to claim 15, wherein the slip material includes the binding agent, the metal powder and an MCrAlY metal powder.

27. (Previously Presented) The method according to claim 15, wherein the metal powder has a grain size distribution of 0.01 µm to 5 µm

28. (Previously Presented) The method according to claim 15, wherein the metal powder has a grain size distribution of 0.2 µm to 0.5 µm.

29. (Previously Presented) The method according to claim 15, further comprising aluminizing the component part after the heat treating step.

30. (Withdrawn) A component part having a corrosion-resistant and oxidation-resistant coating, the coating applied to the component part by a method including the steps of:

making available a slip material that includes a binding agent and at least one metal powder, the metal powder including up to at least 25 wt.% of at least one metal of the platinum group, the metal powder one of: (a) formed of jacketed powder cores formed from at least one metal of the platinum group, jacketing of the powder cores formed of a material having a same base metal as the metal-based alloy; and (b) formed of a metal powder alloy that includes the at least one metal of the platinum group and at least one material having the same base metal as the metal-based alloy;

applying the slip material at least from area to area onto the component part while forming a slip layer;

curing and drying the slip layer; and

heat treating the component part that is coated with the slip material at least from area to area to diffuse the slip layer into the component part.

31. (Withdrawn) The component part according to claim 30, wherein the component part is arranged as a turbine blade of a gas turbine.

32. (New) The method according to claim 15, wherein the metal-based alloy includes a titanium-based alloy, the jacketing of the powder cores formed from one of (a) titanium and (b) a titanium alloy.

33. (New) The method according to claim 23, wherein the metal-based alloy includes a nickel-based alloy, the jacketing of the powder cores formed from pure nickel.